

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016774.D
 Acq On : 10 Jun 2020 17:14
 Operator : SY/MD
 Sample : L2914-05 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E00

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.312	61	69	78	rVV	306435	332272	25.93%	2.879%
2	1.360	80	84	96	rVB	48984	47220	3.69%	0.409%
3	1.418	98	102	108	rVB	35572	31405	2.45%	0.272%
4	1.897	244	251	260	rBV	38794	50632	3.95%	0.439%
5	1.981	270	277	283	rBV	20664	26979	2.11%	0.234%
6	2.110	308	317	334	rVB	271937	399047	31.14%	3.458%
7	2.733	507	511	512	rBV3	1580	998	0.08%	0.009%
8	2.836	541	543	547	rVB5	1216	832	0.06%	0.007%
9	2.878	553	556	559	rVB4	1945	1096	0.09%	0.009%
10	3.039	601	606	608	rBV5	3205	2647	0.21%	0.023%
11	3.126	632	633	638	rVB5	1514	1093	0.09%	0.009%
12	3.158	639	643	644	rBV4	1674	1049	0.08%	0.009%
13	3.450	724	734	748	rBV4	8518	17993	1.40%	0.156%
14	3.592	775	778	779	rBV2	1880	959	0.07%	0.008%
15	3.653	793	797	799	rBV4	1465	1141	0.09%	0.010%
16	3.782	823	837	853	rVB2	21668	55541	4.33%	0.481%
17	3.852	853	859	862	rBV8	1650	1984	0.15%	0.017%
18	3.897	862	873	904	rBV2	101260	307055	23.97%	2.661%
19	4.081	927	930	935	rBV6	1412	1208	0.09%	0.010%
20	4.103	935	937	940	rVB4	1812	772	0.06%	0.007%
21	4.270	987	989	996	rBV6	1572	1872	0.15%	0.016%
22	4.370	1006	1020	1041	rVB2	218992	523888	40.89%	4.539%
23	4.553	1075	1077	1081	rBV5	1519	843	0.07%	0.007%
24	4.576	1081	1084	1086	rBV4	1695	1079	0.08%	0.009%
25	4.614	1094	1096	1099	rBV4	2058	1344	0.10%	0.012%
26	4.698	1109	1122	1137	rVB3	29766	69816	5.45%	0.605%
27	4.814	1156	1158	1159	rBV2	2067	957	0.07%	0.008%
28	4.852	1168	1170	1173	rVB4	1106	630	0.05%	0.005%
29	4.865	1173	1174	1178	rVB4	1698	955	0.07%	0.008%
30	4.894	1178	1183	1186	rBV5	2376	2013	0.16%	0.017%
31	5.068	1220	1237	1243	rBV2	545121	1281260	100.00%	11.102%
32	5.637	1401	1414	1430	rBV	426854	843119	65.80%	7.305%
33	5.926	1491	1504	1512	rBV3	15923	35533	2.77%	0.308%
34	6.090	1540	1555	1580	rBV2	301739	624560	48.75%	5.412%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Title : VOC Analysis

35	6.373	1640	1643	1644	rBV3	1119	597	0.05%	0.005%
36	6.473	1671	1674	1678	rBV3	1226	679	0.05%	0.006%
37	6.663	1730	1733	1736	rVB5	2647	1488	0.12%	0.013%
38	6.682	1736	1739	1742	rBV5	1373	969	0.08%	0.008%
39	6.701	1742	1745	1750	rBV6	1071	766	0.06%	0.007%
40	6.727	1750	1753	1755	rBV4	1173	813	0.06%	0.007%
41	6.827	1773	1784	1791	rVB4	4931	8194	0.64%	0.071%
42	6.868	1795	1797	1799	rBV3	913	552	0.04%	0.005%
43	7.007	1828	1840	1860	rVV	181660	323319	25.23%	2.801%
44	7.335	1931	1942	1956	rBV	636524	1085041	84.69%	9.401%
45	7.640	2028	2037	2050	rBV	125927	206195	16.09%	1.787%
46	7.900	2116	2118	2121	rVB4	1289	570	0.04%	0.005%
47	7.929	2123	2127	2131	rBV6	1434	1082	0.08%	0.009%
48	7.952	2131	2134	2138	rBV4	1637	1297	0.10%	0.011%
49	8.061	2162	2168	2170	rBV7	2036	1729	0.13%	0.015%
50	8.109	2170	2183	2214	rBV	317731	644405	50.29%	5.584%
51	8.460	2289	2292	2296	rBV6	1148	795	0.06%	0.007%
52	8.521	2309	2311	2313	rBV3	1497	828	0.06%	0.007%
53	8.566	2322	2325	2326	rBV3	1393	782	0.06%	0.007%
54	8.585	2329	2331	2334	rBV3	1131	735	0.06%	0.006%
55	8.627	2339	2344	2347	rBV6	1572	1702	0.13%	0.015%
56	8.740	2376	2379	2383	rVV4	1206	937	0.07%	0.008%
57	8.814	2400	2402	2406	rBV5	1444	1111	0.09%	0.010%
58	8.871	2408	2420	2430	rBV	631640	1022765	79.82%	8.862%
59	9.035	2460	2471	2488	rBV	43088	74176	5.79%	0.643%
60	9.161	2502	2510	2530	rVB	107530	191528	14.95%	1.660%
61	9.283	2535	2548	2556	rBV5	18131	36822	2.87%	0.319%
62	9.473	2599	2607	2617	rBV5	15832	29354	2.29%	0.254%
63	9.566	2629	2636	2646	rVB	42116	64657	5.05%	0.560%
64	9.736	2682	2689	2699	rVB	8773	14350	1.12%	0.124%
65	9.990	2766	2768	2772	rVB4	1909	885	0.07%	0.008%
66	10.061	2788	2790	2792	rBV3	1268	596	0.05%	0.005%
67	10.164	2819	2822	2824	rBV3	3300	2117	0.17%	0.018%
68	10.238	2834	2845	2859	rBV	398589	638356	49.82%	5.531%
69	10.759	2999	3007	3015	rBV2	24163	42515	3.32%	0.368%
70	10.936	3054	3062	3073	rBV	45838	71528	5.58%	0.620%
71	11.270	3155	3166	3185	rBV	721932	1103376	86.12%	9.560%

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72	11.360	3186	3194	3204	rVB	40280	62064	4.84%	0.538%
73	11.646	3273	3283	3296	rBV	731715	1126212	87.90%	9.758%
74	11.772	3315	3322	3323	rBV7	5252	6673	0.52%	0.058%
75	11.839	3334	3343	3347	rBV9	4723	7174	0.56%	0.062%
76	12.666	3598	3600	3604	rBV5	1895	1546	0.12%	0.013%
77	12.749	3622	3626	3633	rVB10	4905	5449	0.43%	0.047%
78	13.019	3707	3710	3712	rBV3	1885	1150	0.09%	0.010%
79	13.116	3738	3740	3742	rBV3	1940	1124	0.09%	0.010%
80	13.219	3766	3772	3775	rBV7	2501	2782	0.22%	0.024%
81	13.280	3789	3791	3792	rBV2	1944	907	0.07%	0.008%
82	13.389	3822	3825	3827	rBV3	2430	1875	0.15%	0.016%
83	13.473	3849	3851	3854	rBV4	1163	797	0.06%	0.007%
84	13.527	3860	3868	3885	rVB	27755	45905	3.58%	0.398%
85	13.646	3898	3905	3916	rBV7	5311	10038	0.78%	0.087%
86	13.829	3960	3962	3965	rVB3	1378	610	0.05%	0.005%
87	13.997	4012	4014	4018	rBV5	1364	788	0.06%	0.007%
88	14.058	4031	4033	4034	rBV2	1244	562	0.04%	0.005%
89	14.074	4034	4038	4040	rVV3	1686	1112	0.09%	0.010%
90	14.087	4040	4042	4045	rBV3	1201	788	0.06%	0.007%
91	14.125	4052	4054	4059	rVV5	1723	1176	0.09%	0.010%
92	14.148	4059	4061	4063	rVB3	1330	564	0.04%	0.005%
93	14.254	4091	4094	4096	rBV3	1338	893	0.07%	0.008%
94	14.328	4113	4117	4120	rVB4	2910	2119	0.17%	0.018%
95	14.347	4120	4123	4126	rBV5	1548	1326	0.10%	0.011%
96	14.421	4143	4146	4148	rBV4	1546	880	0.07%	0.008%
97	14.665	4214	4222	4226	rBV9	3317	5993	0.47%	0.052%
98	14.755	4247	4250	4255	rBV7	1527	1830	0.14%	0.016%
99	14.791	4258	4261	4263	rBV4	1337	894	0.07%	0.008%
100	15.424	4456	4458	4459	rBV2	1216	572	0.04%	0.005%

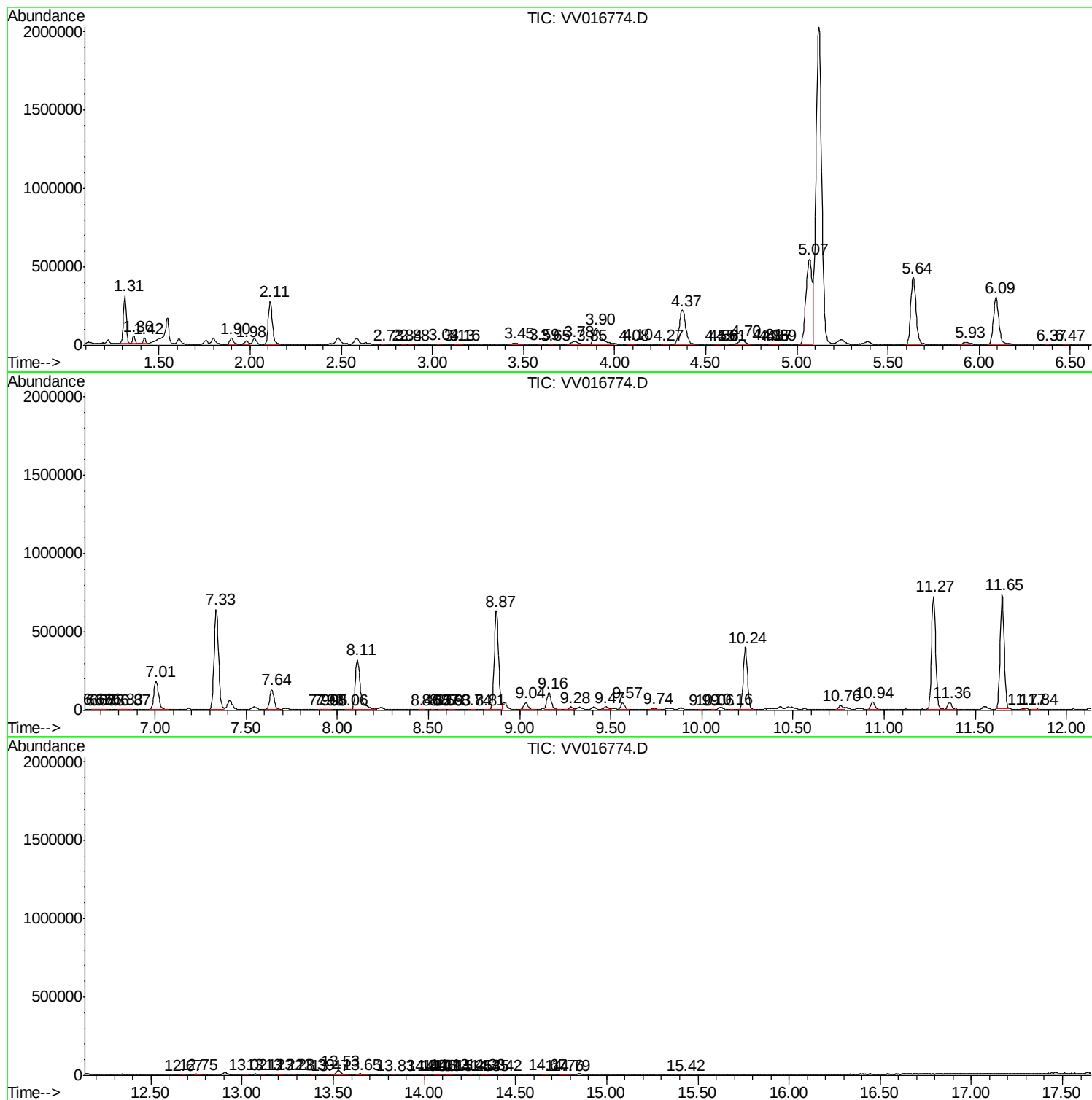
Sum of corrected areas: 11541206

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061020\
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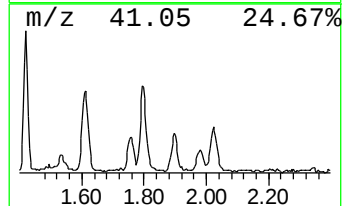
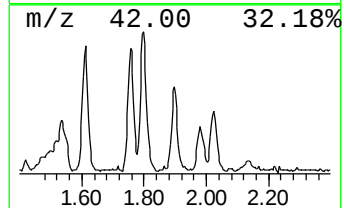
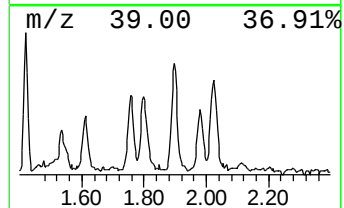
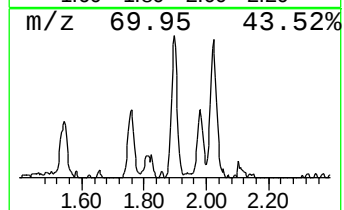
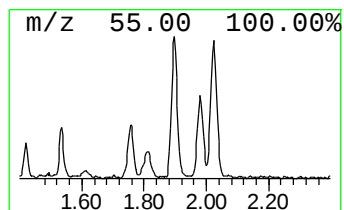
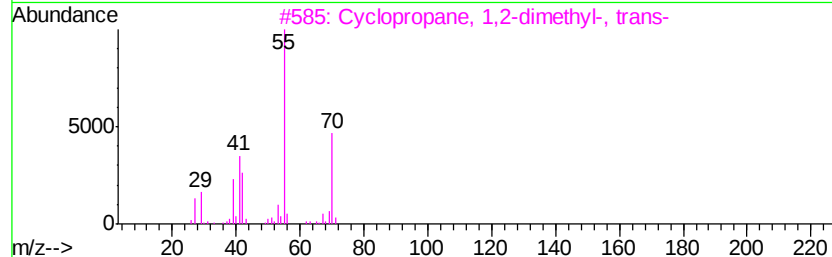
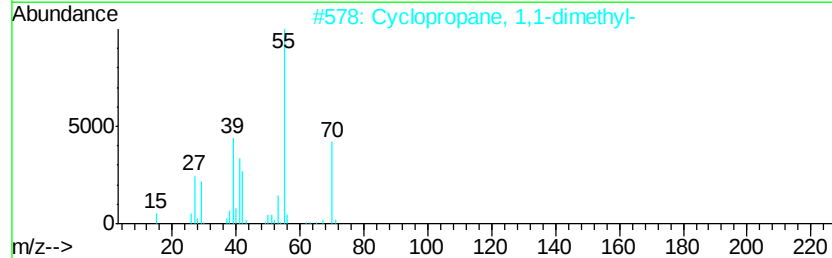
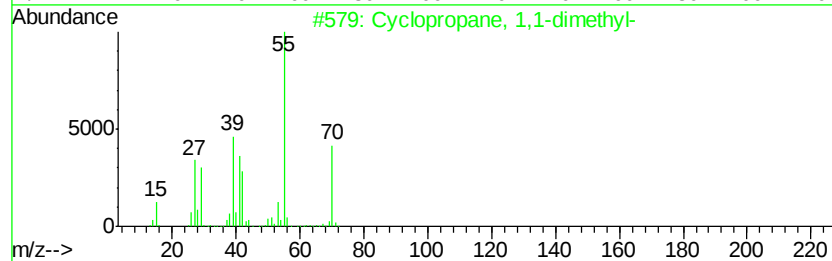
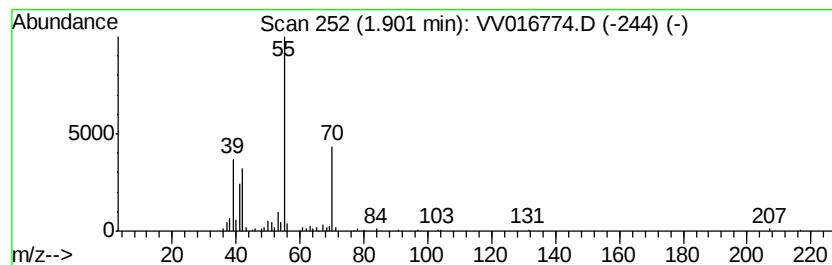
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic1.90 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	3.00 ug/L	50632	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	90
2			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
3			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86
4			2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
5			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	72



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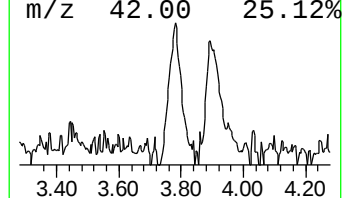
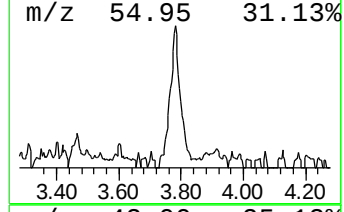
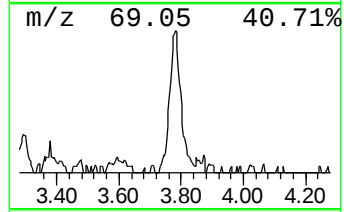
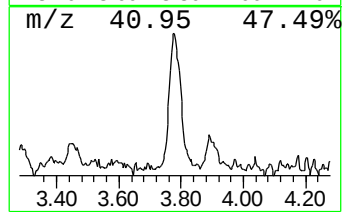
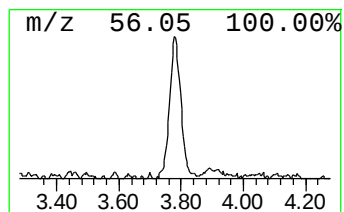
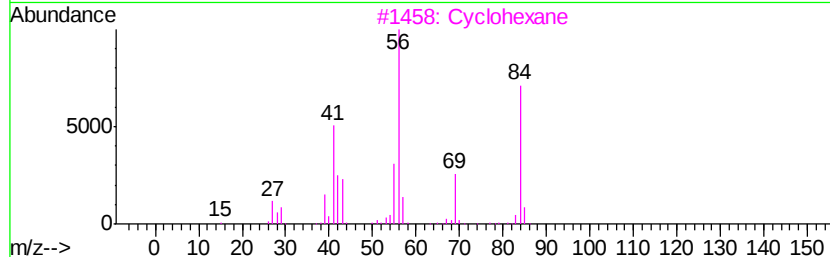
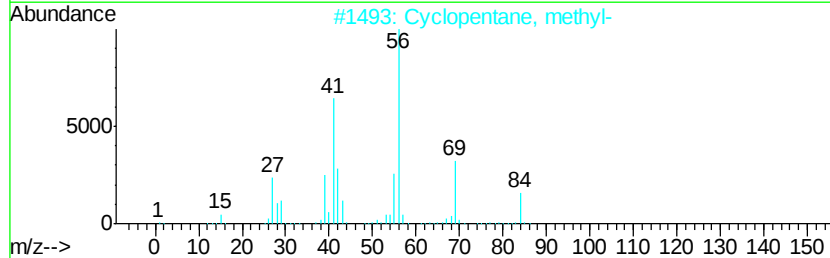
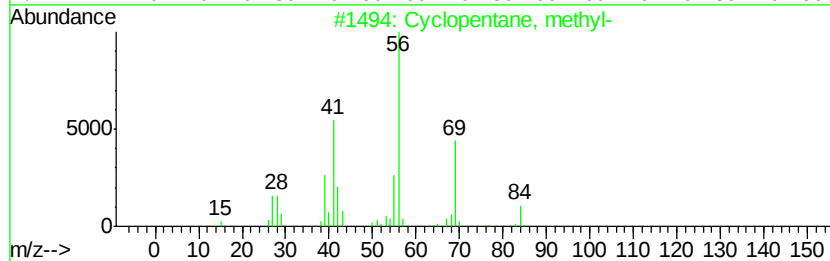
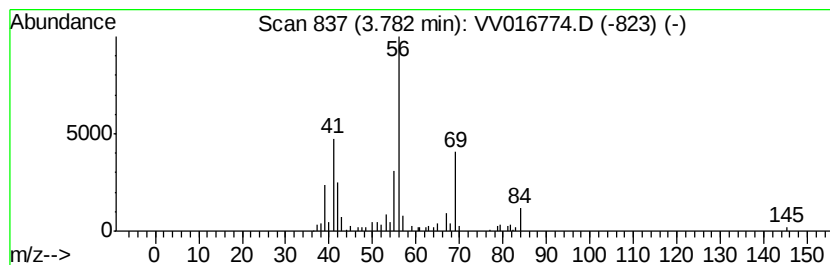
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic3.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	3.29 ug/L	55541	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	80
3			Cyclohexane	84	C6H12	000110-82-7	72
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5			Cyclohexane	84	C6H12	000110-82-7	72



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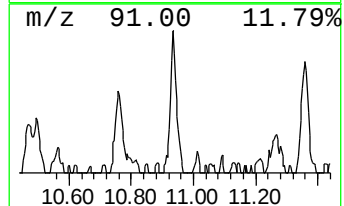
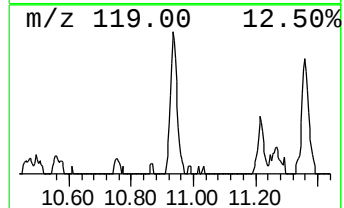
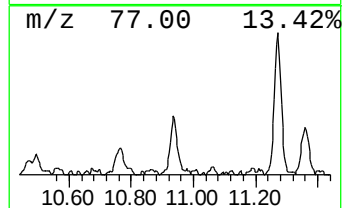
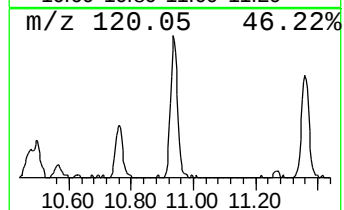
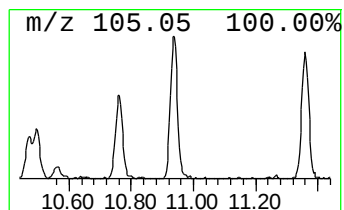
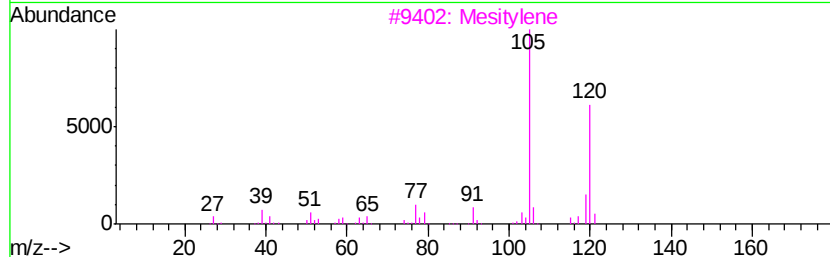
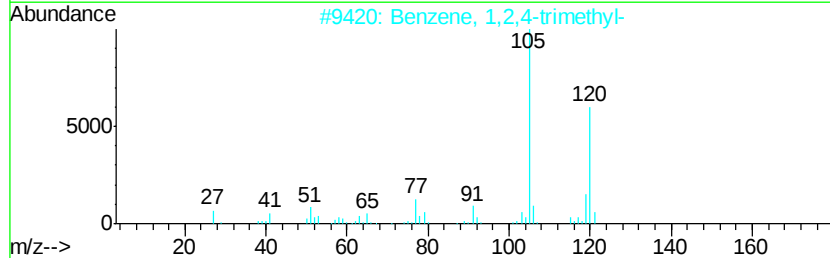
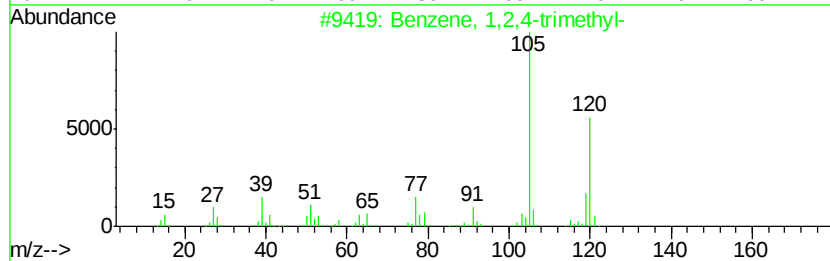
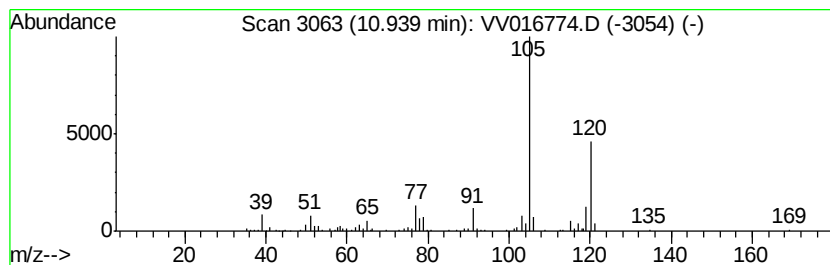
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Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	3.24 ug/L	71528	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061020\
Data File : VV016774.D
Acq On : 10 Jun 2020 17:14
Operator : SY/MD
Sample : L2914-05 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E00

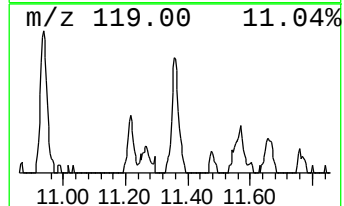
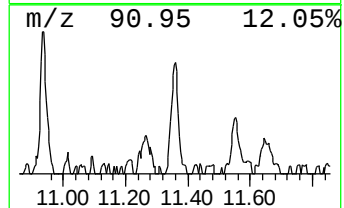
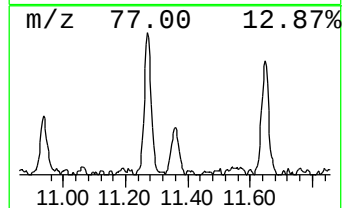
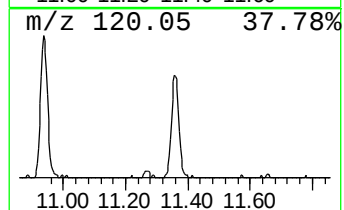
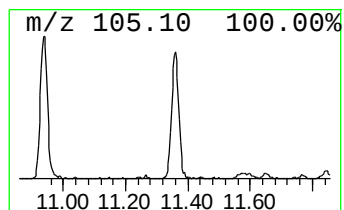
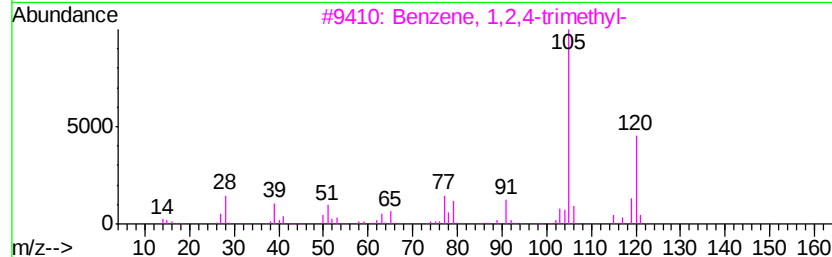
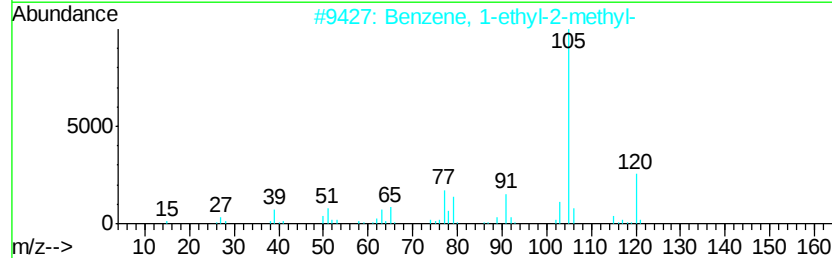
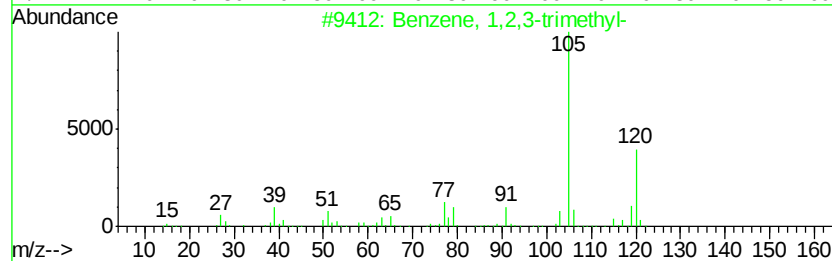
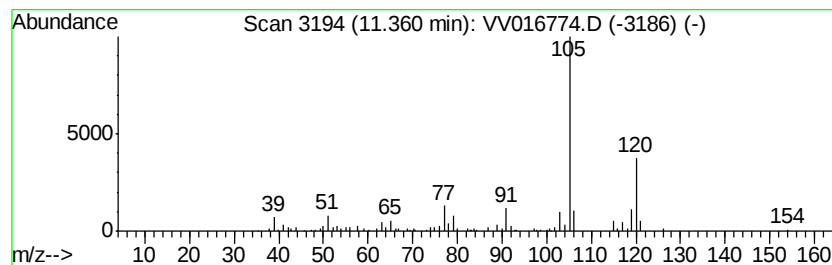
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.81 ug/L	62064	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061020\
Data File : VV016774.D
Acq On : 10 Jun 2020 17:14
Operator : SY/MD
Sample : L2914-05 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E00

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.90	3.0	ug/L	50632	1	5.64	843119	50.0
(DEL) Alkane: Cyc...	3.78	3.3	ug/L	55541	1	5.64	843119	50.0
Benzene, 1,2,4-tr...	10.94	3.2	ug/L	71528	3	11.27	1103380	50.0
Benzene, 1,2,3-tr...	11.36	2.8	ug/L	62064	3	11.27	1103380	50.0